

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Ben Markin

GENERAL INFORMATION:

Name:	Griffin Industries, Inc.
Address:	4221 Alexandria Pike, Cold Spring, Kentucky
Date application received:	12-14-97
SIC/Source Description:	2077
Source I.D. #:	21-141-00026
Source A.I. #:	2753
Activity #:	APE20040002
Permit Number:	V-05-025

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input checked="" type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	**Actual (tpy)	Potential (tpy)
PM/PM ₁₀	17.29/13.21	31.29
SO ₂	50	245.59
NO _x	13.78	172
CO	3.46	15.64
VOC	0.69	4.0
Ammonia	5.13	6.90

**Actual based on 2004 Emissions Survey

SOURCE DESCRIPTION:

An operating permit application was received from Griffin Industries, Inc. on December 14, 1997 and was called complete on February 12, 1998. Griffin Industries operates a rendering facility and finishing product at the Russellville facility in Logan County, Kentucky. In the rendering facility (E.U. 003) animal by-product materials are processed into tallow, grease, and high protein meat and bone meal. In addition, the facility operates two (2) residual oil-fired indirect heat exchangers (E.U. 001 & E.U. 002) with heat input of 50 mmBtu/hr each, and a cooling tower. The emissions of ammonia from cooling tower (E.U. 004) operations are contingent upon the amount of water cooled per unit time, which is in turn contingent upon the amount of finished product processed.

EMISSION AND OPERATING CAPS DESCRIPTION:

Source wide #6 fuel oil shall not exceed 5,732,490 gallons per year, and 225 tons per year for sulfur dioxide emissions to preclude the applicability of Prevention of Significant Deterioration of air Quality (PSD), 401 KAR 51:017.